

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065120.D
 Acq On : 07 Feb 2020 20:09
 Operator : VA/SY
 Sample : L1403-14
 Misc : 7.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-14-4.5-5

Quant Time: Feb 08 01:00:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

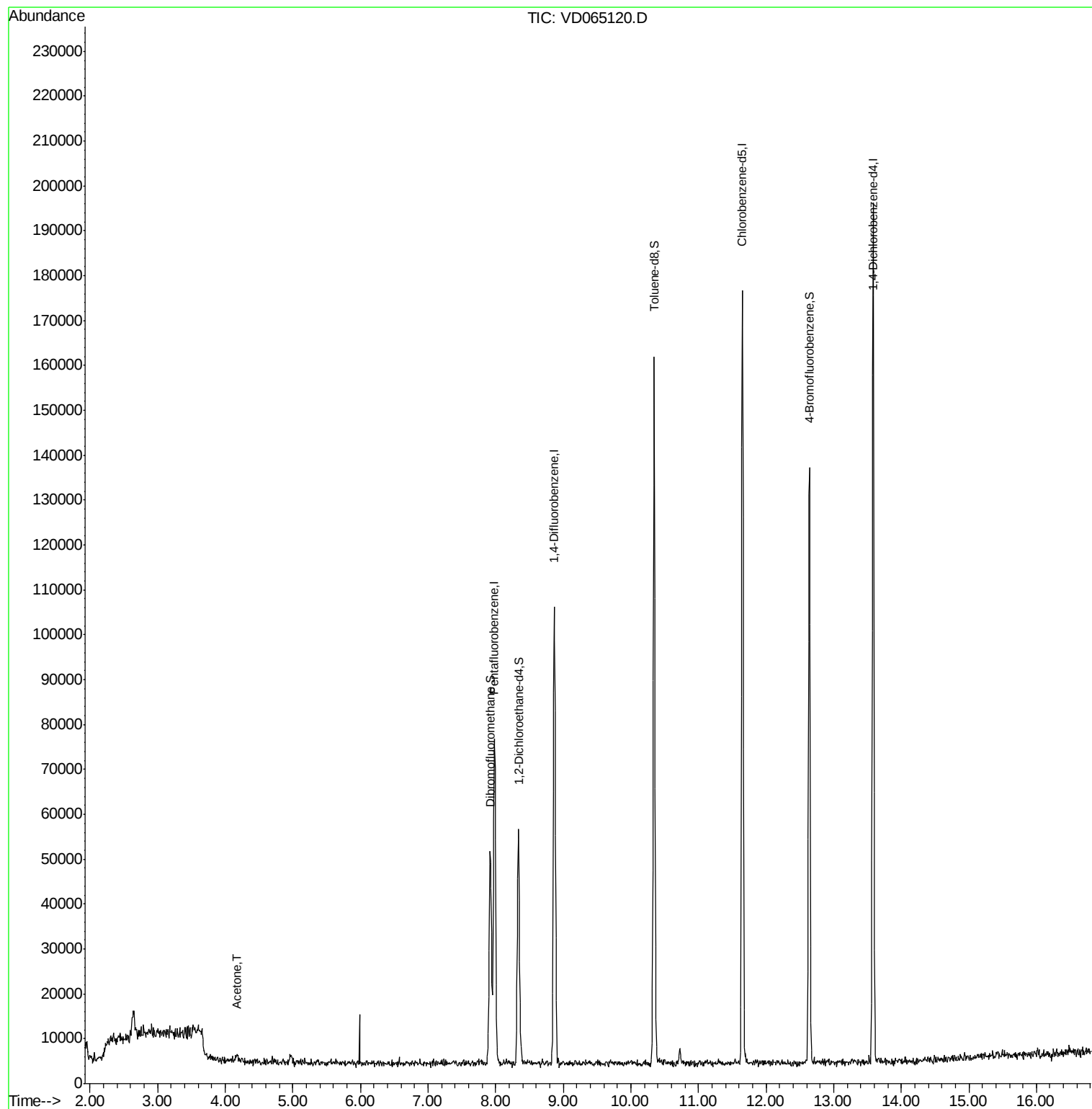
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	53631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	84602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	99057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	51051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	42714	93.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	187.42%	
35) Dibromofluoromethane	7.92	113	34544	73.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.36%	
50) Toluene-d8	10.34	98	104018	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.64	95	40236	67.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.18%	
Target Compounds						
16) Acetone	4.18	43	2820	24.745	ug/l #	Qvalue 83

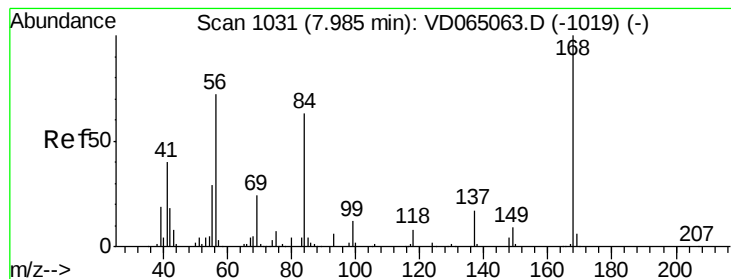
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
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QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065120.D

Acq: 07 Feb 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

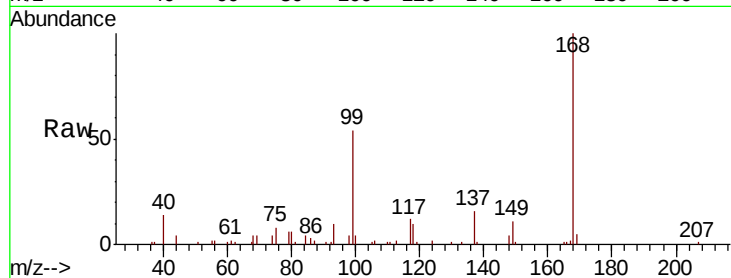
SB-14-4.5-5

Tot Ion:168 Resp: 53631

Ion Ratio Lower Upper

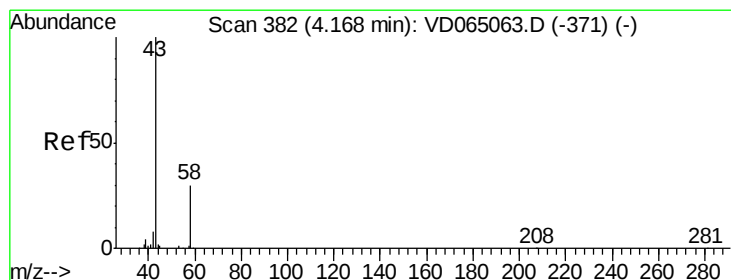
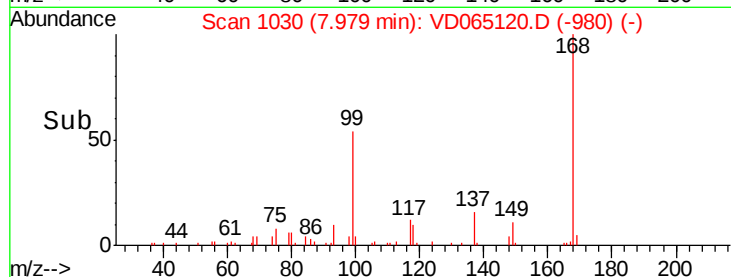
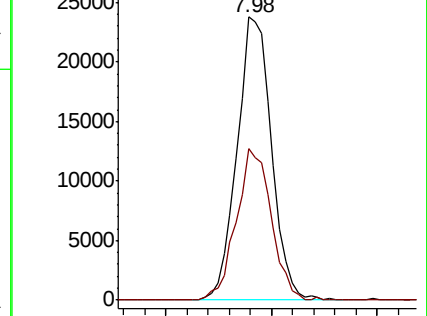
168 100

99 53.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 24.745 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065120.D

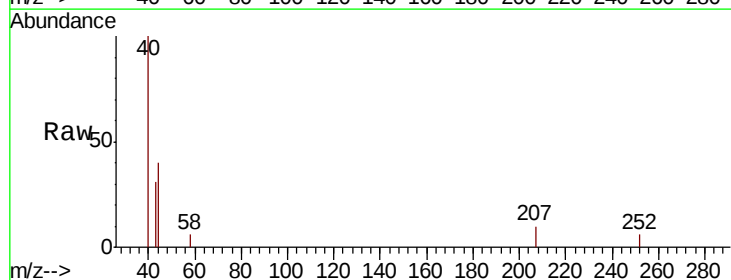
Acq: 07 Feb 2020 20:09

Tgt Ion: 43 Resp: 2820

Ion Ratio Lower Upper

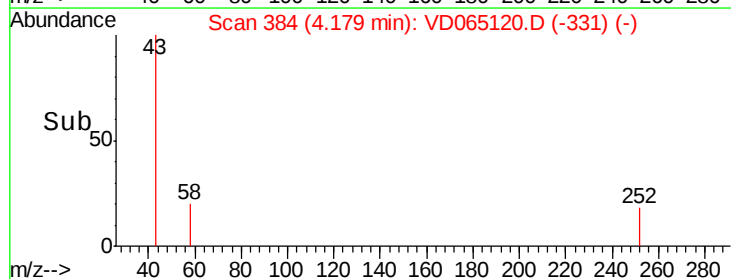
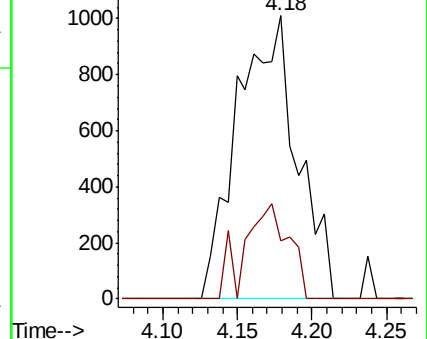
43 100

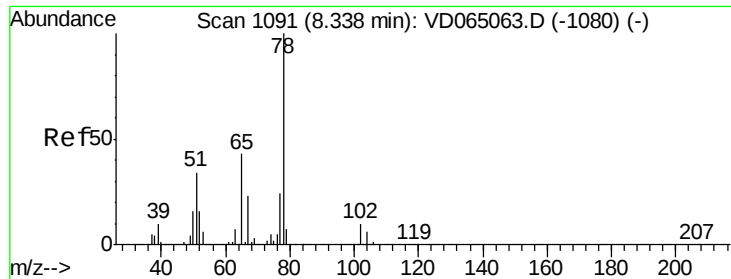
58 20.5 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

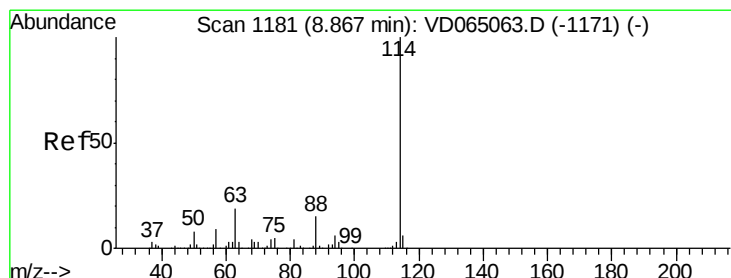
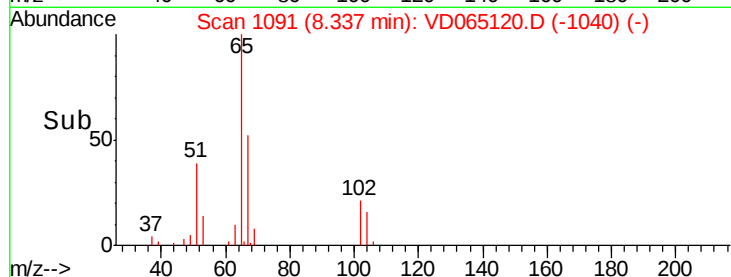
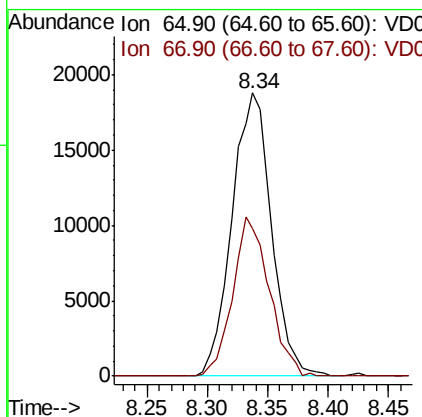
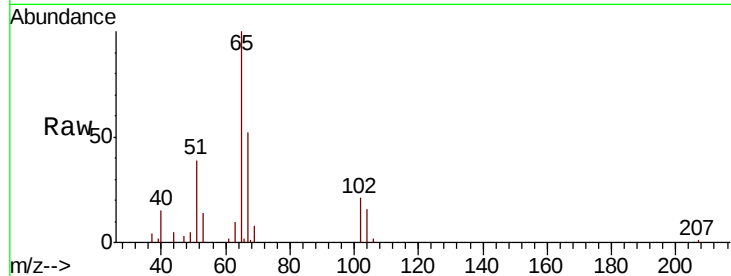




#33
 1,2-Dichloroethane-d4
 Concen: 93.709 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065120.D
 Acq: 07 Feb 2020 20:09

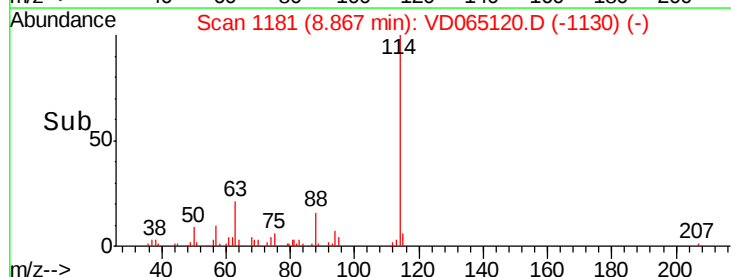
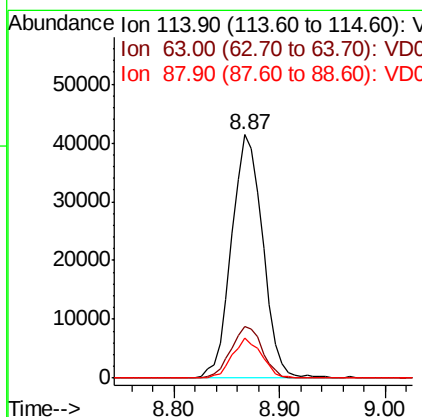
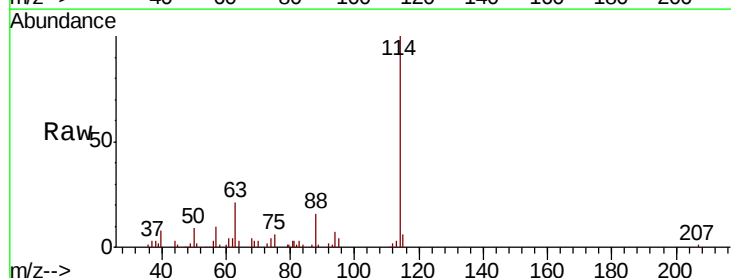
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-14-4.5-5

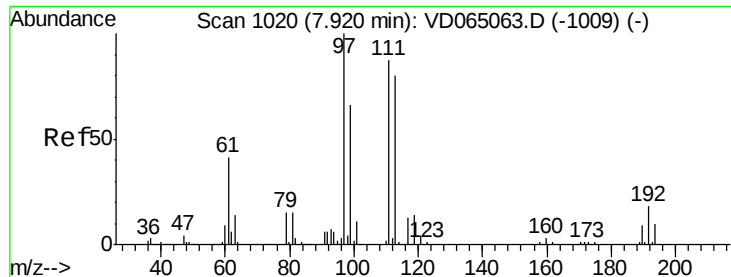
Tot Ion: 65 Resp: 42714
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065120.D
 Acq: 07 Feb 2020 20:09

Tgt Ion: 114 Resp: 84602
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.8
 88 16.3 0.0 29.6

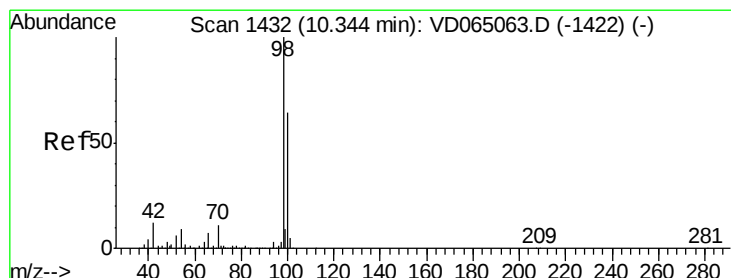
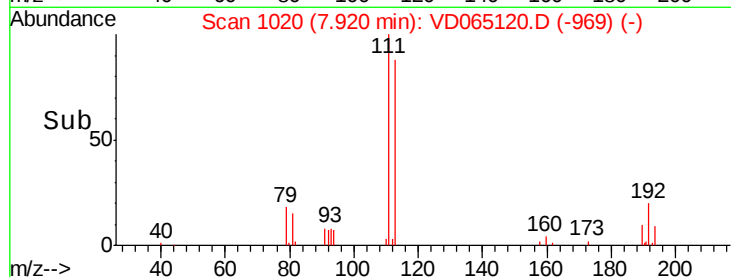
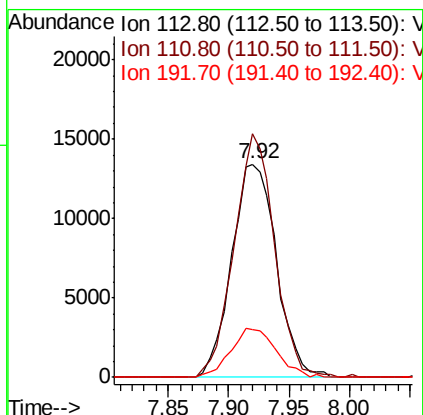
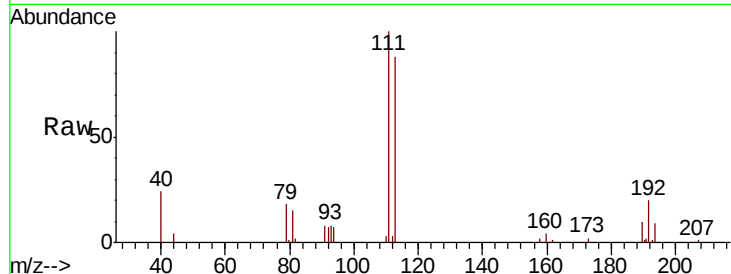




#35
Dibromofluoromethane
Concen: 73.182 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065120.D
Acq: 07 Feb 2020 20:09

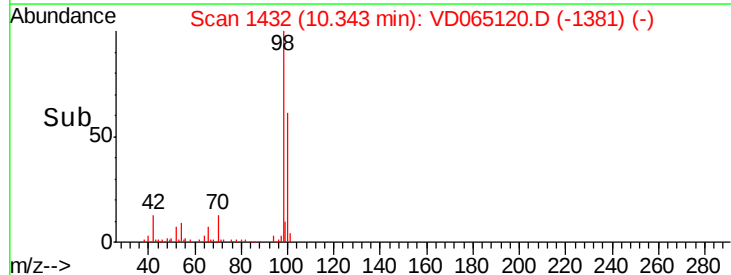
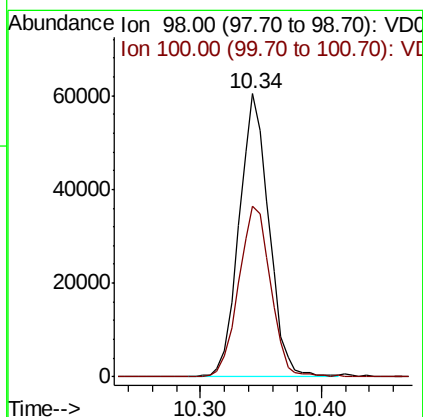
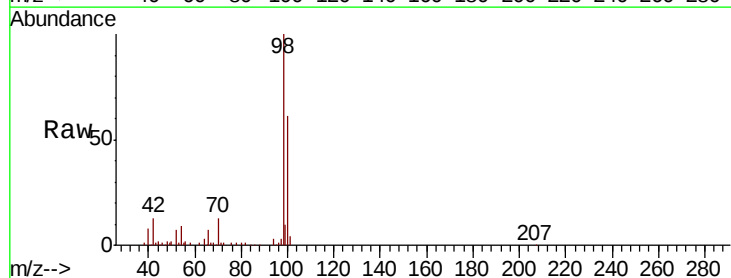
Instrument :
MSVOA_D
ClientSampleId :
SB-14-4.5-5

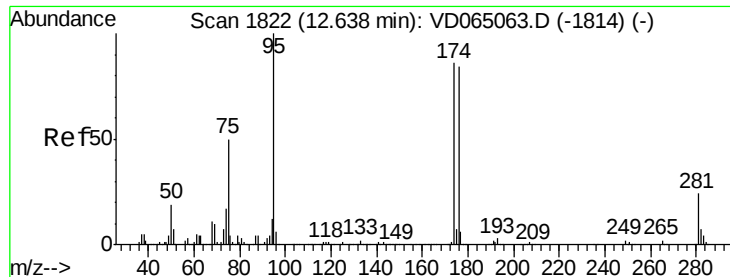
Tot Ion:113 Resp: 34544
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 23.2 18.1 27.1



#50
Toluene-d8
Concen: 55.364 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065120.D
Acq: 07 Feb 2020 20:09

Tgt Ion: 98 Resp: 104018
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 67.587 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065120.D

Acq: 07 Feb 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

SB-14-4.5-5

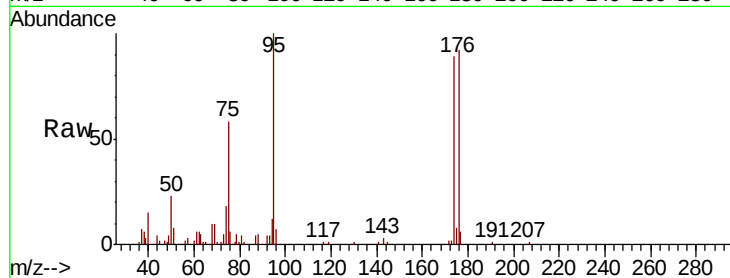
Tot Ion: 95 Resp: 40236

Ion Ratio Lower Upper

95 100

174 94.8 0.0 180.0

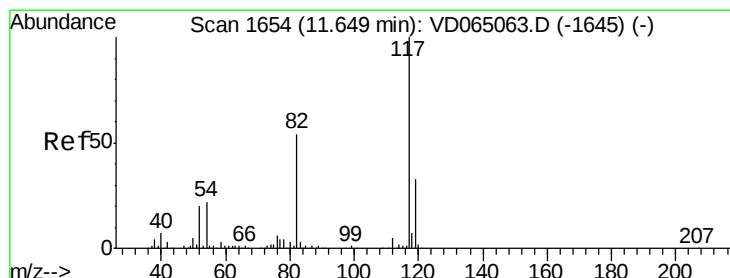
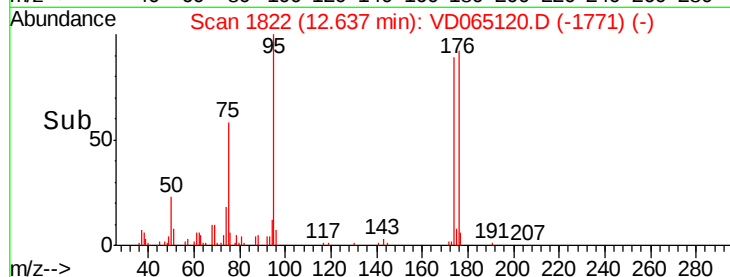
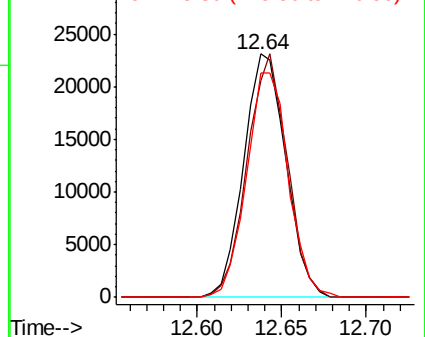
176 91.2 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065120.D

Acq: 07 Feb 2020 20:09

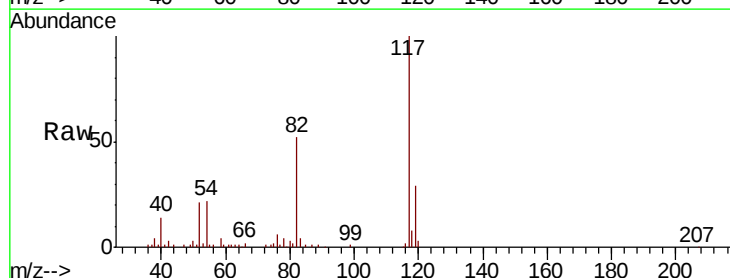
Tgt Ion: 117 Resp: 99057

Ion Ratio Lower Upper

117 100

82 52.2 43.1 64.7

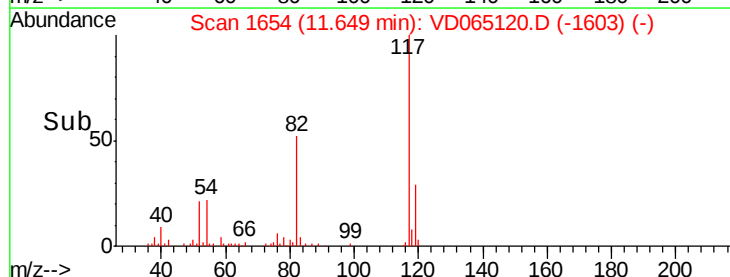
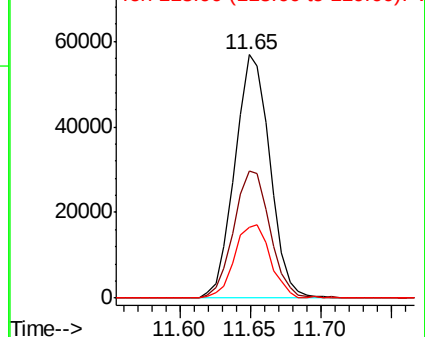
119 29.1 26.0 39.0

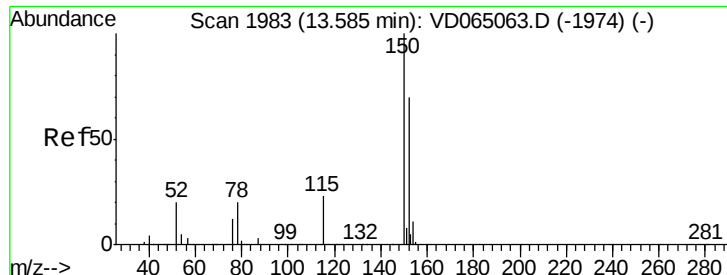


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065120.D

Acq: 07 Feb 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

SB-14-4.5-5

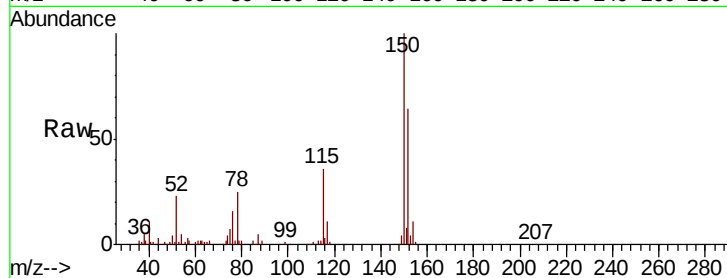
Tot Ion:152 Resp: 51051

Ion Ratio Lower Upper

152 100

115 57.8 27.5 82.4

150 159.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

